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5. (Reiterated) The DNA sequence of claim 1 wherein said signal encoding sequence is the signal encoding sequence naturally associated with said gene encoding said protein.

6. (Reiterated) The DNA sequence of claim 1 wherein said signal encoding sequence is the signal encoding sequence naturally associated with said mammalian milk protein promoter.

7. (Reiterated) The DNA sequence of claim 1 wherein said DNA sequence includes a transcriptional stop sequence.

8. (Reiterated) The DNA sequence of claim 7 wherein said stop sequence is derived from SV40 virus DNA.

9. (Reiterated) The DNA sequence of claim 7, wherein said stop sequence is contained in the polyadenylation sequence of SV40.

10. (Amended) The DNA sequence of claim 1 wherein said gene encodes [protein is] human tissue plasminogen activator or hepatitis B surface antigen.

11. (Reiterated) The DNA construct of claim 1 wherein said milk protein is a milk serum protein.

12. (Reiterated) The DNA construct of claim 12, wherein said milk serum protein is α -lactalbumin.

13. (Reiterated) A DNA construct containing a gene encoding a protein, said gene being under the transcriptional control of a sequence upstream from the transcriptional start site of a mammalian milk protein which includes a milk protein promoter and which does not naturally control the transcription of said

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gene, said DNA sequence further comprising DNA encoding a peptide enabling secretion of said protein.

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20 17. (Amended) The DNA construct of claim 16 [15], wherein said secretion-enabling DNA comprises a secretion signal-encoding sequence interposed between said gene and said promoter.

21 17
22 18. (Amended) The DNA construct of claim 16 [15], wherein said milk protein is a milk serum protein.

22 18
23 19. (Amended) The DNA construct of claim 18 [17], wherein said milk serum protein is α -lactalbumin.

24 20
25 21. (Amended) The DNA construct of claim 17 [16], wherein said signal encoding sequence is the signal encoding sequence naturally associated with said gene encoding said protein.

25 21
26 22. (Amended) The DNA sequence of claim 17 [16], wherein said signal encoding sequence is the signal encoding sequence naturally associated with said mammalian milk protein promoter.

27 22
28 23. (Amended) The DNA sequence of claim 15, wherein said DNA sequence includes a transcriptional stop sequence.

28 23
29 24. (Amended) The DNA sequence of claim 23 [22] wherein said stop sequence is derived from SV40 virus DNA.

29 24
30 25. (Amended) The DNA sequence of claim 24 [23] wherein said stop sequence is contained in the polyadenylation sequence of SV40.